MEng/MSc in Water Engineering and Management from the Asian Institute of Technology (AIT), Thailand

MSc in Civil and Environmental Engineering from the University of Iowa (UI), USA

**About the Dual Degree:**

This program will prepare students for careers in hydrology and hydraulics by providing them with a strong foundation that includes both the theoretical and applied study of fluids. Students will receive the broad-based academic background needed for a career in engineering design, research, consulting, or academia. The AIT brings 60 years of regional experience in water education and research, complemented by the University of Iowa’s century of global leadership in fluids-related teaching and research, including experimentation (both laboratory and field-scale) and mathematical modeling.

### DUAL DEGREE STRUCTURE & PATHWAY

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<tr>
<th>SEMESTER</th>
<th>INSTITUTE</th>
<th>CREDITS</th>
<th>DEGREE</th>
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<tr>
<td>Aug - Dec (Year 1)</td>
<td>AIT (Thailand)</td>
<td>Course (12 Credits)</td>
<td>MEng/MSc in Water Engineering and Management</td>
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<td>Jan - May (Year 1)</td>
<td>AIT (Thailand)</td>
<td>Course (12 Credits)</td>
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<td>May - July (Year 1)</td>
<td>AIT (Thailand)</td>
<td>Research Study (12 Credits)</td>
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<td>Aug - Dec (Year 2)</td>
<td>UI (USA)</td>
<td>Course (12 Credits)</td>
<td>MSc in Civil and Environmental Engineering</td>
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<tr>
<td>Jan - May (Year 2)</td>
<td>UI (USA)</td>
<td>Course (12 Credits)</td>
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ADMISSION REQUIREMENTS

• Hold a bachelor's degree (normally from a four-year program), or its equivalent
• The minimum undergraduate GPA requirement for admission to the master's program is 3.0 or equivalent
• AIT: IELTS-Academic: 6 (writing 6)
  TOEFL Paper: 550 (writing 59-61)
  TOELF CBT: 213 (writing 25-26)
  TOEFL IBT: 80 (writing 21-23)
• UI: TOEFL IBT: 81
  IELTS: total score of 7.0 (no sub-score less than 6.0)
• Students satisfying the AIT requirement can be admitted to the program; however, to continue to Phase 2, students must achieve the UI scores for the English proficiency while at AIT.
• Two letters of recommendation
• GRE: 301 (verbal + quantitative) Students without GRE can also be admitted to the program; however, to continue to Phase 2, they must achieve the required GRE score while at AIT.

Interested candidates should apply for admission at AIT, which can be done online on the website: www.ait.ac.th/admissions.

The application deadline for AIT is 30 May for the following August.

Students need to submit their application for admission to UI during their first year at AIT. Online application for the Civil & Environmental Engineering program at UI can be found on the website:
https://www.engineering.uiowa.edu/future-students/graduate-studies/line-application

Application deadline for UI is 28 February.

Students need to submit their application for admission to UI by February 28 during their year of studies at AIT. The selected candidates will receive an admission letter from UI during their first year at AIT.

CONTACTS:

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Dr. Gabriele Villarini
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Director, IIHR—Hydroscience & Engineering
University of Iowa
Email: engr-cee-dualdegree@uiowa.edu

About AIT: https://www.ait.ac.th/
About UI: https://uiowa.edu/

COST

AIT (first year):
  Tuition Fee: U.S. $19,200
  Registration Fee: U.S. $1,333
  Living Costs & Other: U.S. $5,000

UI (second year):
  Tuition Fee: U.S. $30,900
  Living Cost & Other: U.S. $15,000
Note: Does not include international and local travel expenses.

SUPPORT:

Meritorious students may apply for scholarship support.
AIT will provide support for admission to the University of Iowa.
AIT will provide students with support in preparing for the GRE.